Journal of MARINE RESEARCH

INDEX

Volume 63, Numbers 1–6, 2005

Sears Foundation for Marine Research *Yale University*

ALPHABETICAL INDEX BY AUTHOR'S NAME

Ali, M. M., V. V. Gopalakrishna, Nilesh Araligidad, G. Venkata Reddy and G. Salgoanker: Determination of dynamic heights in the Bay of Bengal from XBT profiles and climatological salinities. 671.

Aller, Robert C.: See Angelos K. Hannides, Shannon M. Dunn and Robert C. Aller. 957.

Álvarez-Salgado, X. A., M. Nieto-Cid, S. Piedracoba, B. G. Crespo, J. Gago, S. Brea, I. G. Teixeira, F. G. Figueiras, J. L. Garrido, G. Rosón, C. G. Castro and M. Gilcoto: Origin and fate of a bloom of *Skeletonema costatum* during a winter upwelling/downwelling sequence in the Ría de Vigo (NW Spain). 1127.

Araligidad, Nilesh: See M. M. Ali, V. V. Gopalakrishna, Nilesh Araligidad, G. Venkata Reddy and G. Salgoanker. 671.

Atilla, Nazan, John W. Fleeger and Christopher M. Finelli: Effects of habitat complexity and hydrodynamics on the abundance and diversity of small invertebrates colonizing artificial substrates. 1151.

Aya, Izuo: See Peter G. Brewer, Edward T. Pelzer, Peter Walz, Izuo Aya, Kenji Yamane, Ryuji Kojima, Yasuhara Nakajima, Noriko Nakyama, Peter Haugan and Truls Johannessen. 9.

Berg, Peter: See Christof Meile, Peter Berg, Philippe van Cappellen and Kagan Tuncay. 601.

Berloff, Pavel S.: On rectification of randomly forced flows. 497.

Bograd, Steven J. and Arnold W. Mantyla: On the subduction of upwelled waters in the California Current. 863.

Boschker, H. T. S.: See L. Moodley, J. J. Middelburg, K. Soetaert, H. T. S. Boschker, P. M. J. Herman and C. H. R. Heip. 457.

Boudreau, Bernard P.: See Nicola J. Grigg, Bernard P. Boudreau, Ian T. Webster and Phillip W. Ford. 437.

Bourgault, Daniel, Daniel E. Kelley and Peter S. Galbraith: Interfacial solitary wave run-up in the St. Lawrence Estuary. 1001.

Brea, S.: See X. A. Álvarez-Salgado, M. Nieto-Cid, S. Piedracoba, B. G. Crespo, J. Gago, S. Brea, I. G. Teixeira, F. G. Figueiras, J. L. Garrido, G. Rosón, C. G. Castro and M. Gilcoto. 1127.

Brewer, Peter G., Edward T. Pelzer, Peter Walz, Izuo Aya, Kenji Yamane, Ryuji Kojima, Yasuhara Nakajima, Noriko Nakyama, Peter Haugan and Truls Johannessen: Deep ocean experiments with fossil fuel carbon dioxide: Creation and sensing of a controlled plume at 4 km depth. 9.

Broström, Göran: See Johan Nilsson, Gösta Walin and Göran Broström. 705.

Bryden, Harry J., William E. Johns and Peter M. Saunders: Deep western boundary current east of Abaco: Mean structure and transport. 35.

Carmack, E. C.: See J. Y. Cherniawsky, W. R. Crawford, O. P. Nikitin and E. C. Carmack. 887

Castro, C. G.: See X. A. Álvarez-Salgado, M. Nieto-Cid, S. Piedracoba, B. G. Crespo, J. Gago, S. Brea, I. G. Teixeira, F. G. Figueiras, J. L. Garrido, G. Rosón, C. G. Castro and M. Gilcoto. 1127.

Chao, B. F.: See I Vigo, D. Garcia and B. F. Chao. 1085.

Chassignet, Eric P.: See Milena Veneziani, Annalisa Griffa, Zulema D. Garraffo and Eric P. Chassignet. 753.

Chassignet, Eric P.: See Milena Veneziani, Annalisa Griffa, Andy M. Reynolds, Zulema D. Garraffo and Eric P. Chassignet. 1057.

Cherniawsky, J. Y., W. R. Crawford, O. P. Nikitin and E. C. Carmack: Bering Strait transports from satellite altimetry. 887.
Crawford, W. R.: See J. Y. Cherniawsky, W. R. Crawford, O. P. Nikitin and E. C. Carmack. 887.
Crespo, B. G.: See X. A. Álvarez-Salgado, M. Nieto-Cid, S. Piedracoba, B. G. Crespo, J. Gago, S. Brea, I. G. Teixeira, F. G. Figueiras, J. L. Garrido, G. Rosón, C. G. Castro and M. Gilcoto. 1127.
deSzoeke, Roland A. and Scott R. Springer: The all-Atlantic temperature-salinity-pressure relation and patched potential density. 59.
Dijkstra, Henk: See Eric Simonnet, Michael Ghil and Henk Dijkstra. 931.
Donohue, K.: See T. Rossby, C. N. Flagg and K. Donohue. 203.
Dunn, Shannon M.: See Angelos K. Hannides, Shannon M. Dunn and Robert C. Aller. 957.
Engstrom, Steven J. and Roberta L. Marinelli: Recruitment responses of benthic infauna to manipulated sediment geochemical properties in natural flows. 407.
Feistel, Rainer and Wolfgang Wagner: High-pressure thermodynamic Gibbs functions of ice and sea ice. 95.
Figueiras, F. G.: See X. A. Álvarez-Salgado, M. Nieto-Cid, S. Piedracoba, B. G. Crespo, J. Gago, S. Brea, I. G. Teixeira, F. G. Figueiras, J. L. Garrido, G. Rosón, C. G. Castro and M. Gilcoto. 1127.
Finelli, Christopher M.: See Nazan Atilla, John W. Fleeger and Christopher M. Finelli. 1151.
Flagg, C. N.: See T. Rossby, C. N. Flagg and K. Donohue. 203.
Fleeger, John W.: See Nazan Atilla, John W. Fleeger and Christopher M. Finelli: 1151.
Fleischbein, Jane H.: See Adriana Huyer, Jane H. Fleischbein, Julie Keister, P. Michael Kosro, Natalie Perlin, Robert L. Smith and Patricia A. Wheeler. 901.
Follows, Michael J.: See Takamitsu Ito and Michael J. Follows. 813.
Ford, Phillip W.: See Nicola J. Grigg, Bernard P. Boudreau, Ian T. Webster and Phillip W. Ford. 437.
Fukamachi, Yasushi: See Genta Mizuta, Kay I. Ohshima, Yasushi Fukamachi and Masaaki Wakatsuchi. 1017.
Gago, J.: See X. A. Álvarez-Salgado, M. Nieto-Cid, S. Piedracoba, B. G. Crespo, J. Gago, S. Brea, I. G. Teixeira, F. G. Figueiras, J. L. Garrido, G. Rosón, C. G. Castro and M. Gilcoto. 1127.
Galbraith, Peter S.: See Daniel Bourgault, Daniel E. Kelley and Peter S. Galbraith. 1001.
Garcia, D.: See I. Vigo, D. Garcia and B. F. Chao. 1085.
Garraffo, Zulema D.: See Milena Veneziani, Annalisa Griffa, Zulema D. Garraffo and Eric P. Chassignet. 753.
Garraffo, Zulema D.: See Milena Veneziani, Annalisa Griffa, Andy M. Reynolds, Zulema D. Garraffo and Eric P. Chassignet. 1057.
Garrido, J. L.: See X. A. Álvarez-Salgado, M. Nieto-Cid, S. Piedracoba, B. G. Crespo, J. Gago, S. Brea, I. G. Teixeira, F. G. Figueiras, J. L. Garrido, G. Rosón, C. G. Castro and M. Gilcoto. 1127.
Ghil, Michael: See Eric Simonnet, Michael Ghil and Henk Dijkstra. 931.
Gilcoto, M.: See X. A. Álvarez-Salgado, M. Nieto-Cid, S. Piedracoba, B. G. Crespo, J. Gago, S. Brea, I. G. Teixeira, F. G. Figueiras, J. L. Garrido, G. Rosón, C. G. Castro and M. Gilcoto. 1127.
Gille, Sarah T.: See Wilbert Weijer and Sarah T. Gille. 1101.
Gopalakrishna, V. V.: See M. M. Ali, V. V. Gopalakrishna, Nilesh Araligidad, G. Venkata Reddy and G. Salgoanker. 671.
Griffa, Annalisa: See Milena Veneziani, Annalisa Griffa, Zulema D. Garraffo and Eric P. Chassignet. 753.
Griffa, Annalisa.: See Milena Veneziani, Annalisa Griffa, Andy M. Reynolds, Zulema D. Garraffo and Eric P. Chassignet. 1057.
Grigg, Nicola J., Bernard P. Boudreau, Ian T. Webster and Phillip W. Ford: The nonlocal model of porewater irrigation: Limits to its equivalence with a cylinder diffusion model. 437
Hannides, Angelos K., Shannon M. Dunn and Robert C. Aller: Diffusion of organic and inorganic solutes through macrofaunal mucus secretions and tube linings in marine sediments. 957.

Haugan, Peter: See Peter G. Brewer, Edward T. Pelzer, Peter Walz, Izuo Aya, Kenji Yamane, Ryuji Kojima, Yasuhara Nakajima, Noriko Nakyama, Peter Haugan and Truls Johannessen. 9.
Haugan, Peter M.: See Joakim Hove and Peter M. Haugan. 563.
Heip, C. H. R.: See L. Moodley, J. J. Middelburg, K. Soetaert, H. T. S. Boschker, P. M. J. Herman and C. H. R. Heip. 457.
Hentschel, Brian T. and Brenda S. Herrick: Growth rates of interface-feeding spionid polychaetes in simulated tidal currents. 983.
Herbei, Radu: See Ian W. McKeague, Geoff Nicholls, Kevin Speer and Radu Herbei. 683.
Herman, P. M. J.: See L. Moodley, J. J. Middelburg, K. Soetaert, H. T. S. Boschker, P. M. J. Herman and C. H. R. Heip. 457.
Herrick, Brenda S.: See Brian T. Hentschel and Brenda S. Herrick. 983.
Hosegood, Phil, Hans van Haren and Cornelis Veth: Mixing within the interior of the Faeroe-Shetland Channel. 529.
Hove, Joakim and Peter M. Haugan: Dynamics of a CO_2-seawater interface in the deep ocean. 563.
Huang, Rue Xin: Available potential energy in the world's oceans. 141.
Huyer, Adriana, Jane H. Fleischbein, Julie Keister, P. Michael Kosro, Natalie Perlin, Robert L Smith and Patricia A. Wheeler: Two coastal upwelling domains in the northern California Current system. 901.
Ito, Takamitsu and Michael J. Follows: Preformed phosphate, soft tissue pump and atmospheric CO_2. 813.
Jackett, David R.: See Trevor J. McDougall and David R. Jackett. 159.
Johannessen, Truls: See Peter G. Brewer, Edward T. Pelzer, Peter Walz, Izuo Aya, Kenji Yamane, Ryuji Kojima, Yasuhara Nakajima, Noriko Nakyama, Peter Haugan and Truls Johannessen. 9.
Johns, William E.: See Harry J. Bryden, William E. Johns and Peter M. Saunders. 35.
Johnson, Gregory C.: See Amy E. Wirts and Gregory C. Johnson. 381.
Kazmin, Alexander S.: See A. Miguel P. Santos, Alexander Kazmin and Álvaro Peliz. 359.
Keister, Julie: See Adriana Huyer, Jane H. Fleischbein, Julie Keister, P. Michael Kosro, Natalie Perlin, Robert L. Smith and Patricia A. Wheeler. 901.
Kelley, Daniel E.: See Daniel Bourgault, Daniel E. Kelley and Peter S. Galbraith. 1001.
Kojima, Ryuji: See Peter G. Brewer, Edward T. Pelzer, Peter Walz, Izuo Aya, Kenji Yamane, Ryuji Kojima, Yasuhara Nakajima, Noriko Nakyama, Peter Haugan and Truls Johannessen. 9.
Kosro, P. Michael: See Adriana Huyer, Jane H. Fleischbein, Julie Keister, P. Michael Kosro, Natalie Perlin, Robert L. Smith and Patricia A. Wheeler. 901.
Kristensen, Erik: See Thomas Valdemarsen and Erik Kristensen. 645.
Mantyla, Arnold W.: See Steven J. Bograd and Arnold W. Mantyla. 863.
Marinelli, Roberta L.: See Steven J. Engstrom and Roberta L Marinelli. 407
McDougall, T. J., R. W. Schmitt, G. Veronis and F. Webster: The life and work of Nick Fofonoff. 1.
McDougall, Trevor J. and David R. Jackett: The material derivative of neutral density. 159.
McKeague, Ian W., Geoff Nicholls, Kevin Speer and Radu Herbei: Statistical inversion of South Atlantic circulation in an abyssal neutral density layer. 683.
Meile, Christof, Peter Berg, Philippe van Cappellen and Kagan Tuncay: Solute- specific pore water irrigation: Implications for chemical cycling in early diagenesis. 601.
Middelburg, J. J.: See L. Moodley, J. J. Middelburg, K. Soetaert, H. T. S. Boschker, P. M. J. Herman and C. H. R. Heip. 457.
Millard, Robert C.: See Raymond W. Schmitt, Robert C. Millard, John M. Toole and W. David Wellwood. 263.
Mizuta, Genta, Kay I. Ohshima, Yasushi Fukamachi and Masaaki Wakatsuchi: The variability of the East Sakhalin Current induced by winds over the continental shelf and slope. 1017.

Moodley, L., J. J. Middelburg, K. Soetaert, H. T. S. Boschker, P. M. J. Herman and C. H. R. Heip: Similar rapid response to phytodetritus deposition in shallow and deep-sea sediments. 457.
Nakajima, Yasuhara: See Peter G. Brewer, Edward T. Pelzer, Peter Walz, Izuo Aya, Kenji Yamane, Ryuji Kojima, Yasuhara Nakajima, Noriko Nakyama, Peter Haugan and Truls Johannessen. 9.
Nakyama, Noriko: See Peter G. Brewer, Edward T. Pelzer, Peter Walz, Izuo Aya, Kenji Yamane, Ryuji Kojima, Yasuhara Nakajima, Noriko Nakyama, Peter Haugan and Truls Johannessen. 9.
Nicholls, Geoff: See Ian W. McKeague, Geoff Nicholls, Kevin Speer and Radu Herbei. 683.
Nieto-Cid, M.: See X. A. Álvarez-Salgado, M. Nieto-Cid, S. Piedracoba, B. G. Crespo, J. Gago, S. Brea, I. G. Teixeira, F. G. Figueiras, J. L. Garrido, G. Rosón, C. G. Castro and M. Gilcoto. 1127.
Nikitin, O. P.: See J. Y. Cherniawsky, W. R. Crawford, O. P. Nikitin and E. C. Carmack. 887.
Nilsson, Johan, Gösta Walin and Göran Broström. Thermohaline circulation induced by bottom friction in sloping boundary basins. 705.
Ohshima, Kay I.: See Genta Mizuta, Kay I. Ohshima, Yasushi Fukamachi and Masaaki Wakatsuchi. 1017.
Oschlies, A. and M. Schartau: Basin-scale performance of a locally optimized marine ecosystem model. 335.
Peliz, Álvaro: See A. Miguel P. Santos, Alexander S. Kazmin and Álvaro Peliz. 359.
Pelzer, Edward T.: See Peter G. Brewer, Edward T. Pelzer, Peter Walz, Izuo Aya, Kenji Yamane, Ryuji Kojima, Yasuhara Nakajima, Noriko Nakyama, Peter Haugan and Truls Johannessen. 9.
Perlin, Natalie: See Adriana Huyer, Jane H. Fleischbein, Julie Keister, P. Michael Kosro, Natalie Perlin, Robert L. Smith and Patricia A. Wheeler. 901.
Piedracoba, S.: See X. A. Álvarez-Salgado, M. Nieto-Cid, S. Piedracoba, B. G. Crespo, J. Gago, S. Brea, I. G. Teixeira, F. G. Figueiras, J. L. Garrido, G. Rosón, C. G. Castro and M. Gilcoto. 1127.
Quijón, Pedro A. and Paul V. R. Snelgrove: Spatial linkages between decapod planktonic and benthic adult stages in a Newfoundland fjordic system. 841.
Radko, Timour: Analytical solutions for the ACC and its overturning circulation. 1041.
Reager, John T.: See Charles E. Tilburg, John T. Reager and Michael M. Whitney. 471.
Reddy, G. Venkata: See M. M. Ali, V. V. Gopalakrishna, Nilesh Araligidad, G. Venkata Reddy and G. Salgoanker. 671.
Reid, Joseph L.: On the world-wide circulation of the deep water from the North Atlantic Ocean. 187.
Reynolds, Andy M.: See Milena Veneziani, Annalisa Griffa, Andy M. Reynolds, Zulema D. Garraffo and Eric P. Chassignet. 1057.
Rosón, G.: See X. A. Álvarez-Salgado, M. Nieto-Cid, S. Piedracoba, B. G. Crespo, J. Gago, S. Brea, I. G. Teixeira, F. G. Figueiras, J. L. Garrido, G. Rosón, C. G. Castro and M. Gilcoto. 1127.
Rossby, T., C. N. Flagg and K. Donohue: Interannual variations in upper-ocean transport by the Gulf Stream and adjacent waters between New Jersey and Bermuda. 203.
Sabinin, Konstantin and Andrey Serebryany: Intense short-period internal waves in the ocean. 227.
Sakamoto, Toshihiro: Effect of air-sea heat exchange on seasonal transport variation of the Kuroshio. 579.
Salgoanker, G.: See M. M. Ali, V. V. Gopalakrishna, Nilesh Araligidad, G. Venkata Reddy and G. Salgoanker. 671.
Santos, A. Miguel P., Alexander S. Kazmin and Álvaro Peliz: Decadal changes in the Canary upwelling system as revealed by satellite observations: Their impact on productivity. 359.
Saunders, Peter M.: See Harry J. Bryden, William E. Johns and Peter M. Saunders. 35.
Schartau, M.: See A. Oschlies and M. Schartau. 335.
Schmitt, Raymond W., Robert C. Millard, John M. Toole and W. David Wellwood: A double-diffusive interface tank for dynamic-response studies. 263.
Schmitt, R. W.: See T. J McDougall, R. W. Schmitt, G. Veronis and F. Webster. 1.
Serebryany, Andrey: See Konstantin Sabinin and Andrey Serebryany. 227.

Simmons, Stacey A., Richard K. Zimmer and Cheryl Ann Zimmer: Life in the lee: Local distributions and orientations of honeycomb worms along the California coast. 623.
Simonnet, Eric, Michael Ghil and Henk Dijkstra: Homoclinic bifurcations in the quasi-geostrophic double-gyre circulation. 931.
Smith, Robert L.: See Adriana Huyer, Jane H. Fleischbein, Julie Keister, P. Michael Kosro, Natalie Perlin, Robert L. Smith and Patricia A. Wheeler. 901
Snelgrove, Paul V. R.: See Pedro A. Quijón and Paul V. R. Snelgrove. 841.
Soetaert, K.: See L. Moodley, J. J. Middelburg, K. Soetaert, H. T. S. Boschker, P. M. J. Herman and C. H. R. Heip. 457.
Spall, Michael A.: Buoyancy-forced circulations in shallow marginal seas. 729.
Speer, Kevin: See Ian W. McKeague, Geoff Nicholls, Kevin Speer and Radu Herbei. 683.
Springer, Scott R.: See Roland A deSzoeke and Scott R. Springer. 59.
Teixeira, I. G.: See X. A. Álvarez-Salgado, M. Nieto-Cid, S. Piedracoba, B. G. Crespo, J. Gago, S. Brea, I. G. Teixeira, F. G. Figueiras, J. L. Garrido, G. Rosón, C. G. Castro and M. Gilcoto. 1127.
Thompson, Andrew F. and George Veronis: Diffusively-driven overturning of a stable density gradient. 291.
Tilburg, Charles E., John T. Reager and Michael M. Whitney: The physics of blue crab larval recruitment in Delaware Bay: A model study. 471.
Toole, John M.: See Raymond W. Schmitt, Robert C. Millard, John M. Toole and W. David Wellwood. 263.
Tuncay, Kagan: See Christof Meile, Peter Berg, Philippe Van Cappellen and Kagan Tuncay. 601.
Valdemarsen, Thomas and Erik Kristensen: Diffusion scale dependent change in anaerobic carbon and nitrogen mineralization: True effect or experimental artifact. 645.
van Cappellen, Philippe: See Christof Meile, Peter Berg, Philippe van Cappellen and Kagan Tuncay. 601.
van Haren, Hans: See Phil Hosegood, Hans van Haren and Cornelius Veth. 529.
Veneziani, Milena, Annalisa Griffa, Zulema D. Garraffo and Eric P. Chassignet: Lagrangian spin parameter and coherent structures from trajectories released in a high- resolution ocean model. 753.
Veneziani, Milena, Annalisa Griffa, Andy M. Reynolds, Zulema D. Garraffo and Eric P. Chassignet: Parameterizations of Lagrangian spin statistics and particle dis- persion in the presence of coherent vortices. 1057.
Veronis, G.: See T. J. McDougall, R. W. Schmitt, G. Veronis and F. Webster. 1.
Veronis, G.: See Andrew F. Thompson and George Veronis. 291.
Veth, Cornelis: See Phil Hosegood, Hans van Haren and Cornelis Veth. 529.
Vigo, I., D. Garcia and B. F. Chao: Change of sea-level trend in the Mediterranean and Black seas. 1085.
Wagner, Wolfgang: See Rainer Feistel and Wolfgang Wagner. 95.
Wakatsuchi, Masaaki: See Genta Mizuta, Kay I. Ohshima, Yasushi Fukamachi and Masaaki Wakatsuchi. 1017.
Walin, Gösta: See Johan Nilsson, Gösta Walin and Göran Broström. 705.
Walz, Peter: See Peter G. Brewer, Edward T. Pelzer, Peter Walz, Izuo Aya, Kenji Yamane, Ryuji Kojima, Yasuhara Nakajima, Noriko Nakyama, Peter Haugan and Truls Johannessen. 9.
Webster, F.: See T. J. McDougall, R. W. Schmitt, G. Veronis and F. Webster. 1.
Webster, Ian T.: See Nicola J. Grigg, Bernard P. Boudreau, Ian T. Webster and Phillip W. Ford. 437.
Weijer, Wilbert and Sarah T. Gille: Energetics of wind-driven barotropic variability in the Southern Ocean. 1101.
Wellwood, W. David: See Raymond W. Schmitt, Robert C. Millard, John M. Toole and W. David Wellwood. 263.

Wheeler, Patricia A.: See Adriana Huyer, Jane H. Fleischbein, Julie Keister, P. Michael Kosro, Natalie Perlin, Robert L. Smith and Patricia A. Wheeler. 901
Whitney, Michael M.: See Charles E. Tilburg, John T. Reager and Michael M. Whitney. 471.
Wirts, Amy E. and Gregory C. Johnson: Recent interannual upper ocean variability in the deep southeastern Bering Sea. 381.
Wong, Annie P. S.: Subantarctic Mode Water and Antarctic Intermediate Water in the South Indian Ocean based on profiling float data 2000-2004. 789.
Wunsch, Carl: Speculations on a schematic: Theory of the Younger Dryas. 315.
Yamane, Kenji: See Peter G. Brewer, Edward T. Pelzer, Peter Walz, Izuo Aya, Kenji Yamane, Ryuji Kojima, Yasuhara Nakajima, Noriko Nakyama, Peter Haugan and Truls Johannessen. 9.
Zimmer, Cheryl Ann: See Stacey A. Simmons, Richard K. Zimmer and Cheryl Ann Zimmer. 623.
Zimmer, Richard K.: See Stacey A. Simmons, Richard K. Zimmer and Cheryl Ann Zimmer. 623.